

What is claimed is:

1. A device system for treating mitral regurgitation comprising an elongate element having a first end member and an opposite second end member, wherein the first end member is deployed in a coronary sinus and the second end member is deployed in a right atrium sized and configured for effecting an approximation of a septal annulus and a lateral annulus of the mitral valve.
2. The device system of claim 1, wherein the approximation is between 5 and 10 mm.
3. The device system of claim 1, wherein the approximation is between 1 and 20 mm.
4. The device system of claim 1, wherein the elongate element is made of a resilient material and has a preformed semi-circular configuration.
5. The device system of claim 4, wherein the elongate element is made of nitinol.
6. The device system of claim 1, wherein the first end member is configured bendable that enables anchoring said first end member in the coronary sinus.
7. The device system of claim 4, wherein the element has various resilience properties along the elongate element.
8. The device system of claim 1, wherein the elongate element comprises an adjustable cable running through a hollow resilient tubing.
9. The device system of claim 1, wherein the first member is connected to the second member by a ratchet system that is configured to allow approximation of the first and second members.

10. The device system of claim 1 further comprising a sheath and an introducer, wherein the element is releasibly coupled to the introducer inside the sheath during a sheath delivery phase percutaneously.

11. A method for effecting an approximation of a septal annulus and a lateral annulus of a mitral valve comprising:

- (a) providing a device having an elongate element and an introducer within a catheter sheath, wherein the elongate element comprises a first end member and an opposite second end member;

- (b) delivering said catheter sheath endoluminally to a location adjacent the mitral valve;

- (c) deploying the first end member of the element out of the sheath and placing said first end member in a coronary sinus; and

- (d) deploying the second end member of the element out of the sheath and placing said second end member in a right atrium.

12. The method of claim 11, wherein the step of deploying the second end member is carried out by placing said second end member at extent of the tendon of Todaro in the right atrium.

13. The method of claim 11, wherein the step of deploying the first end member is carried out by advancing said first end member from a right atrium through an intra-atrial septum to a left atrium.

14. The method of claim 11, wherein the step of deploying the second end member is carried out by advancing said second end member from a left atrium through an intra-atrial septum to a right atrium.

15. The method of claim 11, wherein the approximation is between 5 and 10 mm.

16. The method of claim 11, wherein the elongate element is made of a resilient material and has a preformed semi-circular configuration.
17. The method of claim 16, wherein the element has various resilience properties along the elongate element.
18. The method of claim 11, wherein the elongate element comprises an adjustable cable running through a hollow resilient tubing.
19. The method of claim 11, wherein the first member or the second member is connected to the elongate element by a ratchet system that is configured to allow approximation of the first and second members.
20. The method of claim 11, wherein the step of delivering the catheter sheath is carried out percutaneously.